

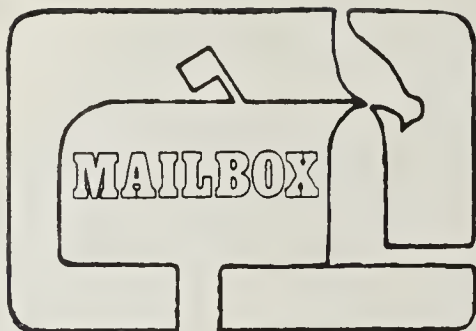
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"Really Enjoyed" The Magazine

Just saw an issue of *Carolina Country* for the first time and really enjoyed it. Would like to receive it regularly. . . . We have a summer home in the North Carolina mountains and receive the *Tennessee Magazine*, but being residents of North Carolina, would enjoy *Carolina Country* more.

J. D. Green
Charlotte

"Negative Reporting"

I thought your little magazine would be above negative reporting, but your article on "Administration seeks ways of dealing with pesky porcupines" proves otherwise.

Overall, the administration has done a fine job.

Robert L. Owen
Morehead City

Discovery Place Follow-Up: Location, Admission Prices

I just read the July *Carolina Country* article on Discovery Place Museum. It was a wonderful article and apparently it's a rewarding place to visit. While the hours were listed, the location was missing. Also, is there an admission charge?

E. F. Herzel
Rt. 6, Morganton

Discovery Place is at 301 N. Tryon St. in downtown Charlotte, between Sixth and Seventh Streets. All the major traffic arteries leading into Charlotte are marked with signs directing motorists to the museum.

Admission prices are: \$2.50 for adults ages 19-59; \$1.50 for youth ages 6-18 and senior citizens ages 60 or over. Children ages five and under are admitted without charge. Discounted group rates are available for parties of 15 or more. In addition, individual and family memberships are available providing for unlimited visits

without extra charge.

For more information, write to Discovery Place, 301 N. Tryon St., Charlotte, N.C. 28202.

A Big "Thanks" To Pee Dee EMC

First of all let me tell you how much I enjoy your publication—read *all* the articles!

Second, we live on Roberdel Road in Rockingham—within the city limits. We receive our electricity from Pee Dee Electric Membership Corporation, Wadesboro—one of the few homes in our area still on Pee Dee Electric.

Some years ago there was a move to force all homes in our area to switch to the "other" power company—but the move failed—and we refused to "switch"! And . . . hope we never have to change companies.

A good example of the type service we get was illustrated Friday night, June 15, 1984. There was a terrific thunderstorm, and the power went off about 8:30 p.m. We waited about thirty minutes—then found out that homes around us had power. We called the night telephone number

listed for Pee Dee Electric. Within ten minutes there was a crew at our house.

Some limbs on a neighbor's tree had become rain-sodden and were pushing against the power line causing a shortage. These crewmen went up in the lift on their truck—rain, dark and late—and sawed the limbs off.

We had power restored within 20 minutes of the time we had called our report into the company!

I don't know the names of these crew men—but this is a great "big thank you" to them and to Pee Dee Electric for their prompt service—always!

Buena Vista Coggin
Rockingham

Elizabeth II Cover Photo: Not Available

Where might I get a print of the Elizabeth II photo that appeared on the cover of your July issue?

Mary Craven Purvis
Asheboro

That photo is not available as a print, but a poster version of a painting of the ship is available. Write to Bill Benners Publishing, P.O. Box 610, Plymouth, N.C. 27962, for details.



MILL OUTLET

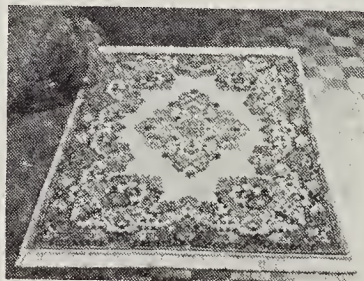
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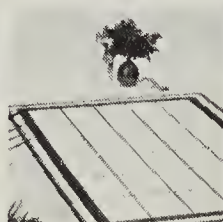
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Deregulation: Repent Or Reconsider

This editorial was written by Arizona's Fifth District Rep. James F. McNulty Jr. It is reprinted from the Rural Electric Newsletter, a publication of the National Rural Electric Cooperative Association.

Deregulation. It's the in thing, "an idea whose time has come," the wave of the future and all the rest of that bunk. It is also going to be the end of the Sauk Centres of America.

Sinclair Lewis summed up for a century the flavor of small-town America, its hypocrisy, its stolidness and its tendency to suffocate. *Main Street* coincided with the escapes of the first of generations of Americans from the small towns where everyone knew the business of everyone else. They fled to the anonymity of the metropolis, where they were free to shuck the responsibility of having neighbors.

* * * * *

Then along came the idea of deregulation. We had too much regulation; didn't the business world of America tell us so? We needed less paperwork, fewer restraints on a people who would be free. We needed business unimpeded by social engineers; we needed a world where the marketplace was dominant.

We needed \$99 airline flights from San Francisco to New York, while the air fare from Phoenix to Salt Lake City was \$160. We needed to allow modern technology to expedite cheap long dis-

tance phone calls, while the residential rates of the people in Elfrida, Arizona, tripled. Perhaps we need 3-cent first class mail between Chicago and Boston. Of course, that means 75-cent mail between Elfrida and Lyndeboro, New Hampshire.

We needed truck and freight deregulation. We needed to deregulate bus service and we needed to deregulate what was left of the railroads. "Cost of service" was to be the new heart of all considerations, economic and otherwise.



We are yielding the sense of nation indivisible and deregulation is the principal vehicle for getting there



But the deregulation fervor reached its peak just as the lemming-like flight of industry to the Los Angeleses of the world began to limp. The under-sewered, under-highwayed, overpolluted and endlessly crowded Metropolis was becoming part nightmare. Crime, wretch-

edly kept schools, bad air and the frantic, rodent-like competitive life was beginning to sour. Even for high achievers, the price was climbing too high.

Demographics began to show a new "flight to the farm."

Parents suddenly *wanted* to raise kids in Redwood City and Roswell and Prescott. The more leisured pace of life, the ability to park a car, hire a serviceman, and walk streets safely at night told millions of Americans that Sauk Centre had some virtues after all, that life there was sustainable.

Right then, our nation should have sensed the national usefulness of programs designed to keep citizens happy in Sauk Centre, and simultaneously save the Dallases the migration they were ill-equipped to accomodate. But the nation did little. The enormous change began.

* * * * *

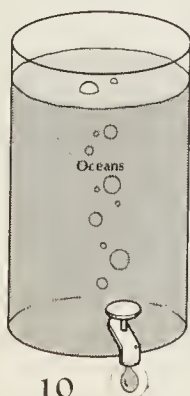
So where are we now? At the raw edge of disclaiming a sense of one nation. At the point of deciding that private and public services will be based solely on undiluted economics. We are en route to a destruction of Jeffersonian ideals, to a new contempt for meaningful Federalism, to an abandonment of our commitment to the concept of "from many—one nation."

We are yielding the sense of nation indivisible and deregulation is the principal vehicle for getting there.

Continued on page 4

In This Issue . . .

- 4 Rate Hike Reduced For CP&L-Served EMCs
- 9 Seminars Focus On Ag Options Training
- 10 North Carolina's Water Supply: Headed For A Crisis
- 18 God's Creatures
- 19 Dual-Fuel: A New Home Heating Concept
- 20 Hank's Gardening Guide



10

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Rate Hike Reduced For CP&L-Served EMCs

The Federal Energy Regulatory Commission (FERC) has approved an agreement between Carolina Power and Light Company (CP&L) and the electric cooperatives it serves, ending a dispute over CP&L's latest proposal for raising its rates on co-op power.

The agreement, which was reached last April, allows CP&L to continue collecting from the Electric Membership Corporations (EMCs) under a rate schedule that became effective Nov. 1, 1983, pending a ruling by the FERC.

However, a second-phase rate hike, proposed to take effect last April 27, was shelved as part of the agreement.

As originally submitted to FERC, the two CP&L rate increases would have boosted the EMCs' power costs by about \$20.8 million a year.

Without the second-phase hike, those costs have risen about \$12.9 million annually.

The usual procedure under FERC rules allows investor-owned companies to put proposed rate increases into effect after a suspension period of from one day to five months. Should the full commission later decide that the rates are excessive, the company involved must refund the excess charges to the affected co-ops.

In this case, no refunds are required since the first-phase rates were accepted under the agreement and the second-phase rates were never applied.

The CP&L-served EMCs are: Brunswick, Shallotte; Carteret-Craven, Morehead City; Central, Sanford; Four County, Burgaw; French Broad, Marshall; Halifax, Enfield; Harkers Island; Haywood, Waynesville; Jones-Onslow, Jacksonville; Lumbee River, Red Springs; Pee Dee, Wadesboro; Piedmont, Hillsborough; Pitt and Greene, Farmville; Randolph, Asheboro; South River, Dunn; Tideland, Pantego; Tri-County, Dudley and Wake, Wake Forest.

Deregulation: Repent Or Reconsider

Continued from page 3

On our present course how can we avoid different rates for postage or electricity for rural and urban consumers? The country cousins will expect less, earn less and do with less, but only up to a point. Then they will join the relentless tide, resolving this nation into one hundred communities, each of two million souls. Our national consensus will be bruised, our sense of variety will wither.

No deregulation-based saving is worth that price. If we can't repent now, we should at least reconsider.

Perhaps the preservation of a non-metropolitan/suburban America is unimportant or too expensive or both. After

all, we grow more food than we can eat and sell combined. We subsidized electricity and mail and telephones and freight and maybe it is time to check all that.

But then we look at the roster of the dead Marines—they disproportionately came from Cloverdale, Indiana; Horton, Alabama; Altus, Arkansas; Lacey, Washington.

I believe in a many-colored Joseph's coat, in the strength of dissimilarity, in the cultural health of a plural society, in the propriety of refusing to be homogenized. There are risks to be sure, but we reached this pinnacle of power, this universally-admired national existence in just such a fashion.

Revel in our differences. A happy band of brothers and sisters can look differently, talk differently, live differently and worship differently but, on those things that are common, possess uncommon strength.



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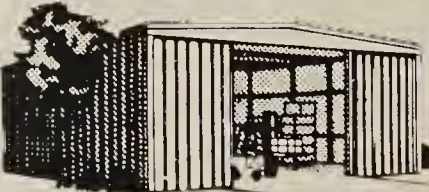
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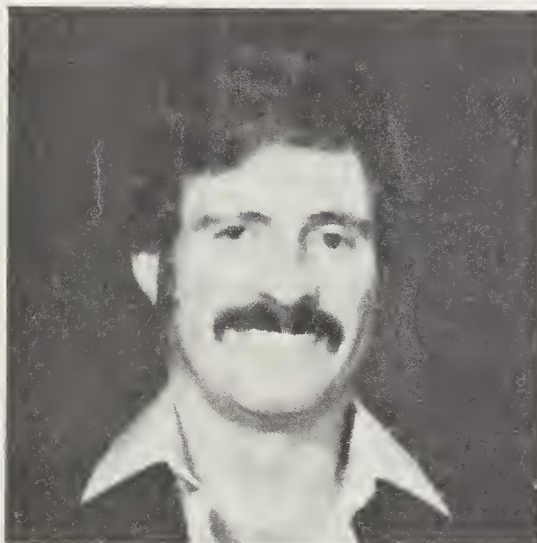
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Ms. Joseph B. Smith
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Joe D. Dwyer
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Vera Lene Tickle
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Wildlife Festival Set For Sept. 15-16

The Currituck County Wildlife Guild will hold its third annual Wildlife Festival Sept. 15-16 at Currituck County High School in Barco.

The show will include competition, exhibits and sales by carvers, collectors, artists and photographers. It will also feature duck and goose calling contests, with the 1984 North Carolina champions in both categories to be named at the event.

The show will be open Sept. 15 from 10 a.m. to 9 p.m. and on Sept. 16 from 10 a.m. to 5 p.m.

For more information, write to David L. Heath Jr., Currituck Wildlife Guild, P.O. Box 91, Shawboro, N.C. 27973.

Wright Brothers Poster Available

His words were specific: "This flight lasted only twelve seconds, but it was nevertheless the first in the history of the world in which a machine carrying a man had raised itself by its own power into the air in full flight, and had sailed forward with no reduction of speed, and had finally landed at a point as high as that from which it started."

These words of Orville Wright describe man's first sustained flight in the air at Kitty Hawk on Dec. 17, 1903.

In commemoration of that historic first, the Historical Publications Section of the Department of Cultural Resources has published a newly-designed poster entitled "The Wright Brothers and Their Flying Machine."

The poster, measuring 23 by 24 inches, shows Orville Wright in the plane while Wilbur runs alongside. Both the original art and the design of this attractive new poster are by Bill Ballard of Raleigh.

The Wright Brothers poster is available for \$2 from the Historical

Publications Section (N), Department of Cultural Resources, 109 E. Jones St., Raleigh, 27611.

The poster and a related pamphlet entitled *The Wright Brothers and Their Development of the Airplane* by Barbara Craig may be ordered for \$3 from the same address. All orders should include a postage and handling fee of \$1 and checks should be made payable to the Department of Cultural Resources.



Cary Schedules Gourd Festival

The 43rd annual Gourd Festival is scheduled for Sept. 8-9 at Jordan Hall in Cary.

The festival, sponsored by Cary's Gourd Village Garden Club, will feature a show of gourds and gourd crafts from the Southeast and around the world, as well as sales of fresh and dried gourds, crafts and seeds.

A special feature will be an exhibit of gourds as they were used in early times as household utensils.

The festival will be open Sept. 8 from 10 a.m. to 6 p.m. and on Sept. 9 from 1 to 5 p.m.

For more information, write to Mary Ann Rood, Rt. 5, Box 210, Apex, N.C. 27502. Phone: (919) 362-4357.

Kenansville To Host Soil/Water Exposition

Methods for conserving and managing coastal soil and water resources will be demonstrated at the 1984 Soil and Water Coastal Exposition and Field Day, Sept. 13 in Kenansville.

The exposition will also feature a tour of a farm that's been nationally

recognized for outstanding soil conservation practice implementation and a watershed project under construction. Bus service will be provided to the demonstration sites.

The event is sponsored by the N.C. Association of Soil and Water Conservation Districts in conjunction with the N.C. Chapter of Land Improvement Contractors of America.

The program will be held from 9 a.m. to 5 p.m. at Kenan Auditorium. Admission is free.

For more information, write or call Mark Lynch, Department of Natural Resources and Community Development, 7225 Wrightsville Ave., Wilmington, N.C. 28403. Phone: (919) 256-4161.

N.C. Arts Council To Publish Tabloid

The North Carolina Arts Council will publish a new quarterly tabloid, *North Carolina Arts*, beginning in September.

The publication will feature council programs and national and state arts issues. Possible themes for the first year's issues include arts in education, the arts and economics, the arts and tourism and cultural diversity in the arts.

The tabloid will be distributed to artists, arts administrators and supporters of the state's art groups, but anyone may subscribe by contacting the North Carolina Arts Council, Department of Cultural Resources, Raleigh, N.C. 27611. The publication is free.

Durham School Ranked Among Nation's Best

Carolina Friends School in Durham has been cited by a private education group as one of 60 institutions in the nation which exemplify the best features of American private education.

The 60 schools were chosen by the Council on American

Private Education from among 358 schools that competed for honors in the Exemplary Private School Recognition Project.

Carolina Friends School, which was founded in 1964, serves more than 400 students from ages 3 to 18 with a staff of 40 teachers.

Indian Summer Festival Set

The Perquimans County Indian Summer Festival, featuring arts, crafts, antiques on display and for sale and street dancing, is scheduled for Sept. 14 and 15 in Hertford.

For more information, write to Jean Humphlett, Perquimans County Chamber of Commerce, P.O. Box 27, Hertford, N.C. 27944. Phone: (919) 426-5657.

Doll Show Slated In Stanly County

The Stanly County Doll Show has been scheduled for Sept. 14-15 at the National Guard Armory in Albemarle.

The event, sponsored by the Stanly County Extension Homemakers Association, will feature a show and sale of dolls and doll-related items.

The show will be open Sept. 14 from 4 p.m. to 9:30 p.m. and Sept. 15 from 9 a.m. to 5 p.m.

For more information, write to Jane L. Cheek, Stanly County Agricultural Extension Service, 201 S. Second St., Albemarle, N.C. 28001. Phone: (704) 983-2123.

NCSU Poultry Science Program Gets Honor

The poultry science program in the N.C. State University College of Agriculture has been cited by the Southern Association of State Departments of Agriculture.

The department received the Southern Award for Excellence in Agricultural Technology, which carries a \$7,000 grant and makes the

school eligible for the national agricultural teaching award to be announced in September.

The poultry science program prepares students to manage poultry farm operations and to conduct research for the poultry industry. About one-fourth of all poultry science students in the U.S. graduate from N.C. State.

Exhibit In Italy Has 42 Works By Tar Heels

A collection of 42 works by North Carolina artists will be featured in an exhibition at the Palazzo Venezia in Rome, Italy, this fall.

The show, titled U•S•A—Portrait of the South, is sponsored by the Italian Ministry of Cultural Affairs and the City of Rome and is hosted by the Teatro Club, a cultural association.

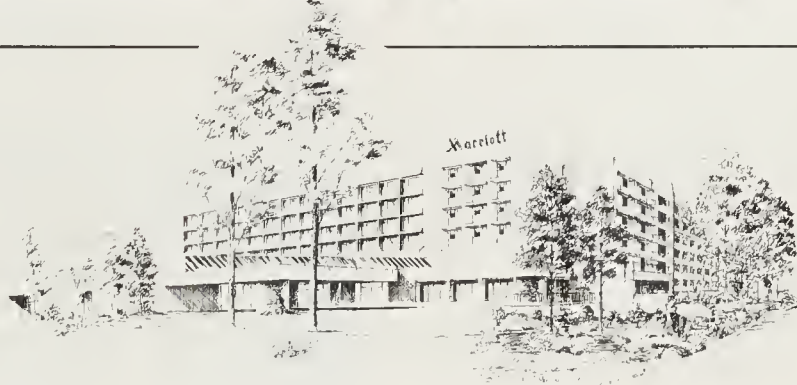
It's the first phase of a cultural exchange between the Southeastern U.S. and Italy.

The exhibit, also including works by South Carolina and Georgia artists, will encompass visual arts as well as documentary films and recordings of music from bluegrass to gospel.

When the show returns to the U.S., it will tour the state, but its schedule has not yet been set.

Continued on page 8

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400th Anniversary Group Cited By Country Magazine

America's 400th Anniversary Committee received the first annual *Country Magazine* Heritage Celebration Award June 11.

The award for "excellence in heritage commemoration" was presented to Gov. James B. Hunt Jr. in recognition of the planning and implementation of America's 400th Anniversary. Gov. Hunt received the award on behalf of the 400th Committee.

The 400th is a commemoration of the Roanoke Voyages of 1584-1587, which brought the first English settlers of America to Roanoke Island, North Carolina.

Country Magazine Publisher Walter Nicklin said the award was made because of the significance of the anniversary to the mid-Atlantic area of America.

Nicklin said the award was an outgrowth of a special supplement in *Country Magazine's* June issue featuring North Carolina and the 400th celebration.

Country Magazine, the "country lifestyle journal of the mid-Atlantic region," serves Maryland, Virginia, Pennsylvania, North Carolina, Washington, D.C. and southern New Jersey. It is based in Alexandria, Va.

REA Loan Goes To Island EMC

Harkers Island Electric Membership Corporation has been awarded an \$81,000 loan from the Rural Electrification Administration to extend its service in Carteret County.

The loan will finance construction of two miles of line to serve 95 potential consumers, as well as replacement of old equipment. It will be supplemented by a loan from the National Rural Utilities Cooperative Finance Corporation.

The EMC currently serves about 1,000 consumer-members.

Home Folks

Six state employees have been honored for their service to North Carolina. They are: **Douglas Branch** of Cary, a special agent with the State Bureau of Investigation; **Marilyn M. Cogdell** of Kinston, associate director of campus life at Dobbs School in Kinston; **LeRoy Williams**, a food service employee at the Eastern North Carolina School for the Deaf in Wilson; **F. O. Britt**, director of the Northeast Regional Education Center in Williamston; **Dr. Dudley E. Flood** of Raleigh, associate state superintendent with the Department of Public Instruction; **Judith A. Parrott** of Kinston, director of residential services at Caswell Center in Kinston **Barbara H. Deverick**, manager of organizational planning and development for Blue Ridge Electric Membership Corporation, Lenoir, has been elected chairman of the board of directors of the Cooperative League of the USA. She had been on the board for the past 12 years **Doris Gosnell**, an administrative assistant at Davidson EMC, Lexington, has been elected president of the U.S. Jaycee Women. She had served as president of the N.C. Jaycee Women in 1981-82 **Estelle Felton** of Rt. 1, Hertford, has been appointed to the Board of Directors of Albemarle Electric Membership Corporation, Hertford, to fill the unexpired term of the late A. T. Lane of Rt. 1, Hertford. Mrs. Felton, an employee of the Perquimans County Board of Education for the past 10 years, is the first black and the first woman director of the EMC. Meanwhile, Lane, who died in April, was posthumously cited by the board for his 39 years of service to the co-op. When the EMC was organized, he served as its first manager, a post he resigned in July, 1948. For the next 35 years he served as an active EMC director.

Cover: New Painting By Raleigh's Allen Montague

Our cover this month is a new original acrylic painting by Raleigh artist Allen Montague.

Tenatively titled "Buckeye," the painting is available as a signed and numbered print. (See coupon below for details.)



Montague, a lifelong resident of Raleigh, was working in design and clothing merchandising before he became a fulltime artist six years ago.

He's now a "Lifetime Artist" with Ducks Unlimited and his works are catalogued by Sotheby Parke-Benet, the internationally known art auction house.

Some of his wildlife pieces have been selected for exhibit in the Gold Room of the Eastern Waterfowl Festival.

Meanwhile, he has served as a spokesman for the Multiple Sclerosis Society in television spots featuring his painting "Touched By Love." Prints of that painting were sold with proceeds going to the society.

Signed and numbered limited edition prints of this month's cover are available with an image area of 15" by 19" plus the border.

The prints are priced at \$45 each. Prints featuring a color remarque are priced at \$90 each.

Please send me: ☐ "Buckeye" Prints at \$45 each.
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Set For Eight Locations

Seminars Focus On Ag Options Trading

A series of seminars has been scheduled across the state starting Aug. 28 to help farmers, bankers and agribusiness officials understand the agricultural options trading arrangement that'll be launched this fall on an experimental basis.

Questions to be addressed at the seminars include:

- What are put options? Call Options?
- What do the terms "exercise price," "expiration date" and "premium" mean?
- How do buyers of options—either calls or puts—hope to make a profit?
- How do options sellers (writers) hope to profit?
- How do options compare with futures markets, cash forward contracts and other marketing alternatives?

Speakers for the seminars will include David Dupont of the Chicago Mercantile Exchange in Chicago; John Ireland of the Chicago Board of Trade; Bob Purkey, vice president of Merrill Lynch in Virginia Beach, Va.; Bill Barclay of MidAmerica Commodity Exchange in Chicago and Dr. Everett Nichols, extension economist with N.C. State University.

Options trading in commodities, which were outlawed in the late 1930s, will be permitted on a limited test basis beginning next fall, according to Jim Wilder, executive vice president of the N.C. Soybean Producers Association, who is a member of the seminar-planning committee.

"This is by no means a panacea," he said, "but it is another marketing tool that farmers may want to use to augment existing programs."

Options offer farmers the flexibility of locking in a minimum price without limiting the maximum possible price they can receive if prices should rise, Wilder pointed out.

The seminar is being sponsored by the N.C. Agricultural Extension Service, the Chicago Mercantile Exchange, Chicago Board of Trade and MidAmerica Commodity Exchange.

The seminar will be held Aug. 28 at the Terrace Motel in Lake Junaluska,

Aug. 29 at the Agriculture Center in Statesville, Aug. 30 at Harward's Fish Camp in Albemarle, Aug. 31 at the Agriculture Center in Greensboro, Sept. 24 at the Agriculture Center in Elizabethtown, Sept. 25 at the Agriculture Center in Kinston, Sept. 26 at the Agriculture Building in Elizabeth

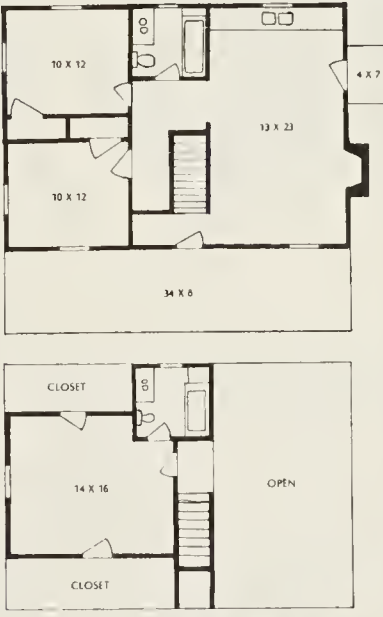
City and Sept. 27 at the Agriculture Center in Nashville.

For more information and preregistration forms, write or call Dr. Everett Nichols, Box 8109, N.C. State University, Raleigh, N.C. 27695-8109. Phone: (919) 737-2256.

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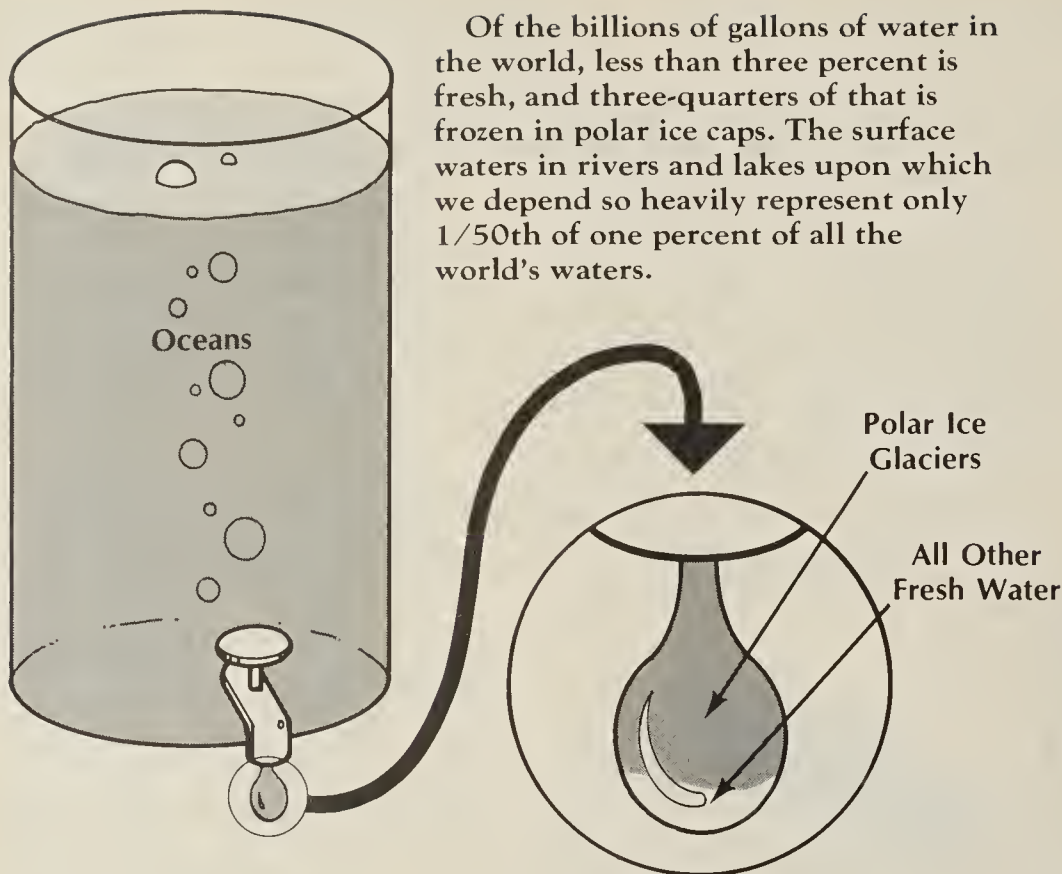
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ture and forestry. It was suggested that NCSU initiate or expand programs to:

- Identify areas of the state where water supplies for agriculture are currently a problem or are likely to become a problem,
- Monitor legal or policy changes regarding the allocation of water supplies and evaluate the impact of these changes on agricultural and non-agricultural users of water,
- Breed more water-efficient and drought-tolerant varieties of crops, and
- Develop total water management schemes that will aid farmers in fitting together soils, crops, drainage and irrigation systems.

The task force urged that more consideration be given to irrigating crops with wastewater, and that continued efforts be made to reduce water usage in the pulp, paper and food processing industries. Other efforts should be directed at the control of aquatic plants in reservoirs and in helping aquaculture (fish farming) and forestry increase production per unit of water used.

Continued studies are also urged on acid rain and artificial drainage as ways to protect water quality.

The task force said that present patterns of water use are still largely derived from the era of apparent plenty and low cost, when the response to shortages was the development of new supplies.

"We can no longer expect technology to produce new supplies of water to meet ever-expanding needs. We are reaching the ultimate limits to extraction from both surface and ground waters, which are determined by recharge rates," the report stated.

Disciplines represented on the 12-member task force included food science, zoology, soil science, economics, forestry, horticultural science, botany, and biological and agricultural engineering.

The chairman was Dr. Frank J. Humenik, specialist-in-charge of extension biological and agricultural engineering.

A free copy of the report may be obtained by writing to Humenik at Box 7625, N.C. State University, Raleigh, N.C. 27607-7625.

Not One Drop More

A task force at North Carolina State University has identified more than a dozen ways in which science and education can help North Carolinians stretch and protect water supplies.

"North Carolina is reaching the limit of water usage," the task force states in a publication titled *Not One Drop More*.

"If consumption continues to increase at present rates, our supplies of water will not be adequate to meet future demands," the report stated.

The task force was appointed by Dr. J. E. Legates, dean of NCSU's School of Agriculture and Life Sciences, because of his concern over possible conflicts between agricultural, industrial, municipal and residential users of water.

Of every 100 gallons of rain that falls in North Carolina, 70 gallons are lost to evaporation and 24 gallons are lost in direct runoff. Of the remaining six gallons, three go to industry, two and a half go to agriculture and one-half to domestic users.

Food production requires large amounts of water. About 1,150 gallons of water are needed, for example, to produce the wheat for 10 loaves of

bread. A dozen eggs require 1,440 gallons, an eight-ounce steak, 3,500 gallons and a gallon of milk, 9,000 gallons.

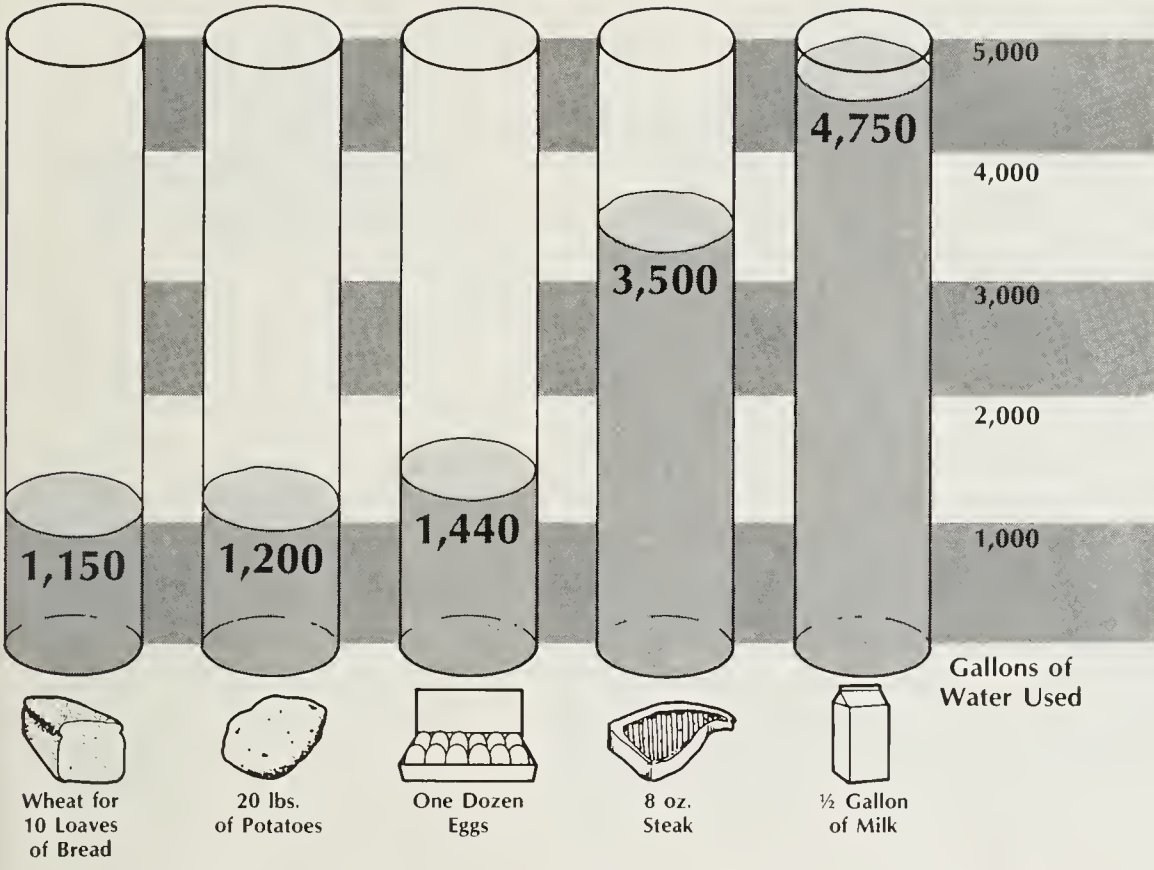
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If consumption of water continues to increase at present rates, North Carolina's supplies of water will not be adequate to meet future demands

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"If we address the problems of allocation and quality immediately, before the crises state is reached, we can ease the inevitable transition into a water-limited future," Legates said.

Most of the task force's recommendations centered around research and education programs related to agricul-



Biological processes require enormous amounts of water. Production of one bushel of corn may require 4,000 to 6,000 gallons and a bushel of soybeans 17,000 to 23,000 depending on tillage practices.



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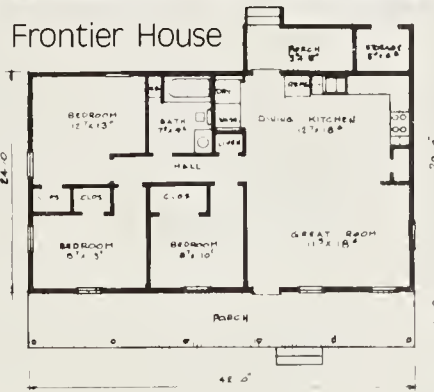
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At Rutherford EMC

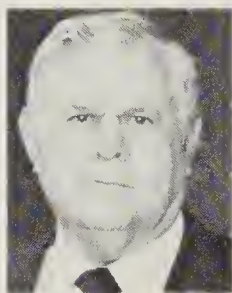
Whitener Takes Reins As Gibbs Steps Down

Gary A. Whitener, who has served Rutherford Electric Membership Corporation, Forest City, as a director and district office manager, has been named interim manager of the cooperative.

He succeeds L. T. Gibbs, who has stepped down as general manager after a 45-year career in the rural electric program.



Whitener



Gibbs

Gibbs has taken a leave of absence from the EMC until his retirement becomes effective next February.

The Virginia native, who was an electrical engineer, served with the Rural Electrification Administration as an engineer from 1938 to 1951, when he joined Rutherford EMC as assistant manager.

He had been general manager since 1955.

Whitener had served as manager of the EMC's Lincoln-Gaston District since 1981. Prior to taking that post, he was a member of the cooperative's Board of Directors for nine years.

He is married to the former Linda Young of Catawba County. They have three children.

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EMC ANNUAL MEETINGS CALENDAR...

Date	Electric Membership Corporation	Time	Location
Aug. 17	Pee Dee, Wadesboro	Registration: 7:30 p.m. Business Meeting: 8:00 p.m.	Richmond Senior High School, Rockingham
25	Haywood, Waynesville	Registration: 9:00 a.m. Business Meeting: 10:30 a.m.	Tuscola High School, Waynesville
25	Roanoke, Rich Square	Registration: 10:00 a.m. Business Meeting: 1:00 p.m.	Headquarters, Rich Square



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One of the buildings weatherized as part of the Alternative Energy Corporation's program in Haywood County was the Pleasant Grove Baptist Church in Canton. Unloading insulation for the church project are, from the left, Canton Mayor C. W. Hardin, a member of the program's advisory committee; Wilbur Eggleston and Ed Thompson, members of the church.

29 Buildings Weatherized In Haywood Experiment

More than two dozen rural churches, day care centers and community organizations in Haywood County will be spending less on utility bills from now on, thanks to a weatherization program coordinated by Haywood Electric Membership Corporation, Waynesville.

Buildings serving these groups—29 in all—were completely weatherized without charge through the program, which was sponsored by the North Carolina Alternative Energy Corporation (AEC).

Many of the buildings were poorly insulated and some had other energy-wasting deficiencies, according to Eddie Lail, the EMC's manager of member services. Now, he said, all the structures will require much less energy for heating and cooling than they did before.

"We at Haywood EMC thought this was such a tremendous opportunity for our members and others in our area. We wanted to make time to coordinate it. We had to work hard to get it and put it together, but it certainly has been worth it. It'll mean quite a bit to a lot of people," he said.

In addition to convincing the Alternative Energy Corporation to pick Haywood County for the project and serving as program coordinator, Haywood EMC also provided a complete energy analysis of each building, chart-

ing its deficiencies and what would be needed to make each energy-efficient.

The co-op also teamed with the alternative energy agency to train nearly 100 volunteer workers who installed more than 600 bales of insulation, 226 sheets of acrylic storm windows, 1,037 feet of weatherstripping, several cases of caulking and other weatherization materials.

The total cost of the materials reached nearly \$19,000, with most of that coming through the Alternative Energy Corporation from the Tennessee Valley Authority (TVA) through its program of services to groups in the Tennessee Valley.

Lail convinced the West Haywood United Way and the Canton-Bethel-Clyde United Way to contribute \$4,500 to the effort and got an additional \$3,443 from various non-profit groups throughout the county.

Each building was originally slated to get materials worth about \$500, but the co-op's studies showed that average figures wouldn't work. One building needed just over \$100 in materials to be made energy-efficient while a church needed more than \$1,200 in insulation and other weatherization materials.

One of the buildings improved through the program was the Museum of North Carolina Handicrafts in Waynesville.

Executive Director Mary Cornwell said she expects it will save the museum "a great deal of money. This non-profit weatherization project is an excellent program."

Rev. Ray Mills, whose James Chapel Baptist Church in the Crabtree community was weatherized, called the program "one of the most worthwhile projects that our church has been involved in."

The project is part of a test by the Alternative Energy Corporation to determine the feasibility of a statewide weatherization effort of this sort.

Earlier this year, the site for the test was narrowed down to three counties and each was told that the one who put together the best organization would get it.

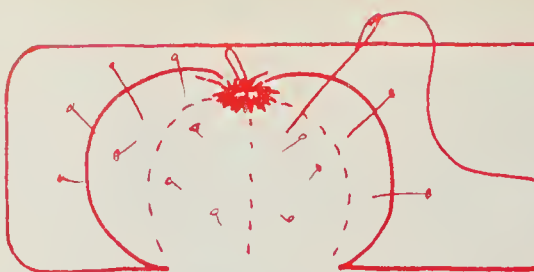
In addition to rounding up volunteers to do the work, Lail raised nearly \$8,000 in contributions, sought and received endorsements and pledges of support from the county and city governments and put a complete plan together.

"What makes Haywood an ideal community for this program," said Susan Luster, project associate for the AEC's Energy Conservation Fund, "is the tremendous amount of interest Haywood EMC has shown in promoting energy conservation in the county."

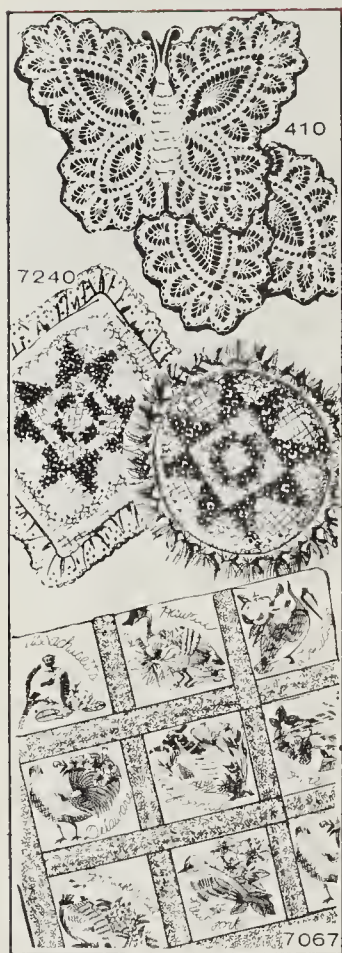
—Kemp Ward



Photo by Don Leavenworth/The Canton Enterprise



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 Pattern No. 410 includes directions for crochet chair back and arm rests.
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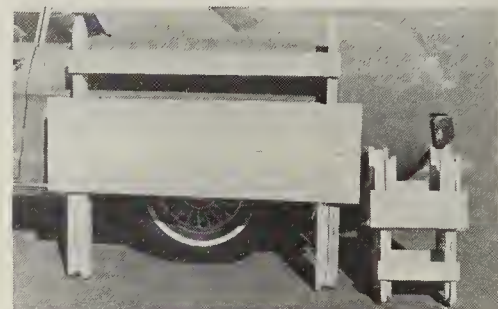
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your vehicle and you've declared your independence from overcrowded parks, campsites and roadside rest areas. When you reach your destination, set-up takes only minutes. The table comfortably seats four to six, measuring 47½" length x 28½" width x 29" height.

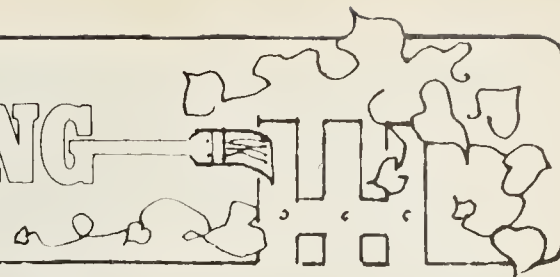
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For intriguing Victorian fashion, follow the step-by-step instructions to gather a skirt for your tank top. Then create one of the toilet seat covers—ribbon and lace trimmed muslin, ruffle and doily trimmed terrycloth, folded star—and finish your window and shower stall in lace and gathered calico.

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COUNTRY KITCHEN



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If you would like to share a recipe with this column, send it to: CAROLINA COUNTRY, P.O. Box 27306, Raleigh, NC 27611.

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Frozen Sweet Pickles

Submitted by Juanita C. Smith of Emerald Isle

2 cups cucumbers
2 cups onions

4 tsp. salt
2 T. water

Slice cucumbers and onions very thin; mix with salt and water in a glass bowl. Let stand two hours; stirring occasionally.

Drain, but do NOT rinse. Return to bowl and add:

1 cup sugar
½ cup vinegar

1 tsp. dried dill weed
(the dill will not taste)

Let stand until sugar has completely dissolved, stirring occasionally.

Pack in freezer containers, leaving one inch head space in container. Cool and freeze. To use, defrost in refrigerator.

Museum Exhibit Dramatizes Life Without Electricity

Various artifacts and photographs in a current exhibit at the North Carolina Museum of History in Raleigh focus on how much electricity lightened many homemakers' chores. Items from the era before electric power include examples of lamps, candles, an iron, washboard and a Superior vacuum cleaner, circa 1890-1910. The vacuum cleaner's suction was created by a hand pump on the handle. The exhibit, titled "Public Works: Building A Better Life," will be featured at the museum through October.



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REA Financing Bill In Limbo

Legislation to shore up the rural electric program's Revolving Fund could be scheduled for floor debate by the U.S. Senate between Sept. 5 and Oct. 5.

That's the first opportunity the bill will have for review by the full Senate, according to Congressional sources.

The bill, which has already passed the House by a three-to-one margin and has been favorably reported out of the Senate Agriculture Committee, would forestall an anticipated crisis involving the fund in the late 1990s.

The fund supplies money for loans to rural electric and telephone cooperatives under the Rural Electrification Administration financing program. It's a self-replenishing fund since loan repayments, plus interest, flow back into it.

The fund is scheduled to begin repaying a "seed-money" advance from the Treasury in 1993, which will eventually drain its holdings and force REA to seek new money for it at higher interest rates.

The higher rates would boost the financing costs of non-profit cooperatives borrowing from the fund, and ultimately boost the electric bills of those co-ops' consumer-members.

"If this bill isn't enacted, the 28 electric co-ops across North Carolina—and their sister co-ops across the country—will face a sobering financial situation within just a few years," said Jim Hubbard, executive vice president of North Carolina's statewide organization of electric co-ops.

Hubbard pointed out that North Carolina's Sen. Jesse Helms has been a pivotal figure in the effort to get the bill to the Senate floor.

"Sen. Helms was instrumental in guiding this legislation through the Senate Agricultural Committee, which he chairs. But, now it's time for setting priorities for the Senate calendar and time is short."

The senator is in a good position to help with the scheduling of the bill because he chairs the committee that reported it out, Hubbard said.

"Unless he invokes his considerable influence with Senate leaders in behalf of the bill, it appears to have little chance of getting on the Senate floor

before the fall election recess.

"If it isn't debated before the election, we think it'll be a lost cause. Even if there is a 'lame duck' session, this legislation isn't likely to get on its calendar."

As a result, he pointed out, the co-ops' association is encouraging officials and consumer-members of the

state's Electric Membership Corporations to write or call the two Tar Heel senators, asking their help in getting the bill scheduled for debate before the election recess.

"This issue is cause for concern for all co-op consumers. I hope they'll let their senators know how they feel about it right away."

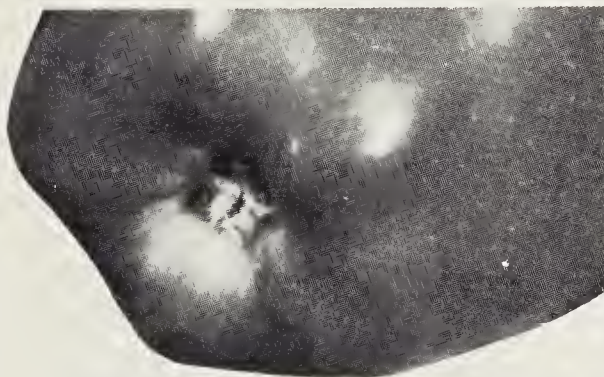
It's Not Too Late To Have Your Say

If you want to see the pending rural electric financing bill adopted by the U.S. Senate, it's not too late to express your point of view to the appropriate officials in Washington.

Write to North Carolina's two senators, asking that they help get debate scheduled for Senate bill S. 1300 and that they support the bill once it reaches the Senate floor.

Their addresses are:

- Sen. Jesse Helms, SD-402 Dirksen Office Building, Washington, D.C. 20510.
- Sen. John East, SH-716 Dirksen Office Building, Washington, D.C. 20510.



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Heartworm: Prevention Is Best Cure

This year nearly every dog in North Carolina will be exposed to mosquitos that can transmit heartworms.

Heartworm disease is directly and indirectly responsible for a large number of canine deaths, according to Dr. Susan E. Bunch, assistant professor of companion animal and special species medicine at the North Carolina State University School of Veterinary Medicine.

She says prevention of the disease is the most desirable cure.

Dr. Bunch said preventive medication, which is readily available to dog owners, should be administered daily, especially in North Carolina—where mosquitos can be active 12 months of the year.



Preventive medication should be administered daily, especially in North Carolina—where mosquitos can be active 12 months of the year



She explained that when an infected mosquito bites a dog, it transmits the larvae of the parasite into the dog's bloodstream. The medication prevents the larvae from maturing into adults. Because the drug has minimal cumulative effects, it should be administered daily.

Trying to eliminate mosquitos from the dog's environment is impractical

because there are many species of mosquitos that can transmit the disease.

In an unmedicated dog, the larvae undergo a maturing process and migrate through the bloodstream to the heart and its adjacent vessels where they eventually begin reproducing.

"In the past, veterinarians thought the physical obstruction of the arterial vessels around the heart caused the most damage to an infected dog, but now we have realized that the linings of the arterial vessels become seriously damaged," Dr. Bunch said.

The more adult heartworms there are in these vessels, the more damage they cause and the bigger the risk to the health of the dog.

In addition, the offspring—or microfilariae—from the adult worms live in the dog's bloodstream and can cause liver and kidney damage, she said.

Symptoms of the advanced heartworm disease include shortness of breath, a soft dry cough, loss of stamina and nervousness. All of these symptoms are more pronounced after the dog has exercised.

Traditional methods of diagnosing the disease don't always detect an infection, she said. They rely on the presence of microfilariae in the bloodstream, but by the time they are present, the adults may have already caused damage to the arterial vessels, Dr. Bunch said.

These factors, plus the fact that treatment of the adult worms involves the use of drugs which may adversely affect the health of an infected dog, make prevention even more important, she said.

Dr. Bunch said that a diagnostic test which detects the adults rather than their offspring, holds promise as eventually becoming a widespread means of diagnosis. The test is now commercially available but is still undergoing study.

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DUAL-FUEL

Homeowners with heating systems featuring oil or natural gas plus an add-on heat pump may someday qualify for discounted power rates for such "dual-fuel" operations. The concept, currently under study by North Carolina's electric cooperatives, will be tested beginning this fall.

Consumers of North Carolina's Electric Membership Corporations who heat their homes with oil or natural gas may someday qualify for special discounted power rates if their heating system is linked to an add-on electric heat pump.

Such a "dual-fuel" system would allow participating co-op consumer-members to save substantial sums on heating costs, if this sort of program is found to be feasible for Tar Heel homes.

This concept is currently being examined by North Carolina EMC, the power supply arm of the EMCs' statewide organization, to determine if it should be offered throughout the state.

"On paper it looks feasible," said George Ferrell, N.C. EMC's director of planning. "Others have shown it's feasible in practice in other states. We're trying to make sure it's feasible in North Carolina."

Here's how the program would work: A homeowner would add an electric heat pump to the home's oil or gas heating system, using the heat pump only during periods when overall power use in the area is low. As power use rises, the system would switch to the oil or gas unit.

The procedure allows the co-op involved to provide electricity for the heat pump when its supply is plentiful, yet permits "load-shaving" when demand for power goes up.

"The principle involved is exactly the same as that for the EMCs' load management program, which uses radio-controlled switches to turn off air conditioners and water heaters when demand is higher," Ferrell said.

The economic incentive for both

programs is the same: a co-op must pay premium prices for "peak" power from its power supplier because it flows from the most expensive generating sources. By holding consumption below such peaks, an EMC can hold down its cost of power.

"That's why a co-op could afford to offer special low rates for power sold to consumers with dual-fuel installations," Ferrell said.

"If this turns out to be a feasible concept, the EMCs may even offer low-cost financing as well as rate incentives to encourage people to go to dual-fuel systems."

The dual-fuel study is being financed by the N.C. Alternative Energy Corporation and conducted by the Research

Triangle Institute with assistance from N.C. EMC engineers.

Its initial phase was completed recently with encouraging results, Ferrell said.

Now, the researchers are gearing up to test their findings in actual residential settings.

The alternative energy agency, which is pouring about \$100,000 into the project, plans to cover the cost of monitoring dual-fuel installations in about 10 homes this winter.

As a result, the EMCs are now seeking volunteers who're willing to participate in the experiment, Ferrell said.

"There are lots of innovative people among the co-op consumers who may already be operating with both a heat pump and another heat source. We hope to find 10 of them who're willing to help us with this experiment."

If this concept is found to be feasible in practice, it'll have tremendous potential for the future, according to the study.

It shows that within the next 10 years more than 140,000 new and existing homes will have the opportunity for energy savings through a dual-fuel program.

One of the major obstacles for the owners of existing homes is duct work, Ferrell said.

"If they don't already have the duct work installed, the cost of adding it would quickly eat up any savings to be realized from a dual-fuel system."

However, he added, "if the homeowner is already facing a need to replace his heating system, he could find that dual-fuel would be his most economical replacement option."

Volunteers Needed

If your home features an electric heat pump as well as an oil or natural gas heating system, you could help North Carolina's electric co-ops with its study of dual-fuel systems.

If you'd like to volunteer to have your system monitored during the coming winter, call or write your EMC's manager or George Ferrell at North Carolina Electric Membership Corporation.

Ferrell's address is P.O. Box 27306, Raleigh, N.C. 27611. To telephone, use this toll-free number: 800-662-8835.



HANK'S GARDENING GUIDE

If the 24th of August is fair and clear,
Then hope for a prosperous autumn
that year.

—John Ray: *English Proverb*, 1670

August is the "light" month in gardening, the month in which we "turn the corner" of summer and head toward autumn. It's time to get a head start on getting the garden ready for autumn and a time not to neglect weeding, staking and spraying.

Deep-watering Of Lawns

If you have practiced deep-watering, you'll find that your lawn grass requires less frequent applications of water than if you merely sprinkled the surface. This is because a properly watered lawn has a deep root system with more moisture available to it.

The effective depth of roots can be increased by forcing them to go for longer and longer periods of time between waterings. This can be done by applying water generously but only when the grass shows definite signs of need: when it begins to wilt. Such watering encourages roots to go deeper and deeper into the soil reservoir, providing good insurance against late summer droughts.

With frequent light sprinklings, shallow roots stay near the surface waiting for water. The grass will look okay until water is withheld for a few days; then it will be put under extreme stress. And, frequent light sprinklings will create ideal conditions for disease growth and the invasion of weeds.

Indoor-Outdoor

One of the lowest cost ways to develop an outdoor-indoor feeling in your home is to use exterior siding on one or more walls of your den or family room, if the wall(s) adjoin a window or sliding-glass door. If you

have a well-landscaped area outside, you'll bring the beauty inside along with the feeling that it's part of the room.

Dig Glads

As soon as the foliage begins to die down, gladiolus corms should be dug. Otherwise, the leaves may disappear and the corms will be difficult to locate.

Disbud Camellias

Check camellias now as they are beginning to set a crop of new flower buds. You may find some that need an early disbudding, where buds are thickly clustered on the stem. By removing side buds and leaving a choice tip bud to form, you will secure a much larger and better shaped blossom.

Prepare Houseplants For Indoors

Remove yellowing foliage as well as faded blooms. Supporting soil with an open hand, tap side of the pot on a table edge so as to remove entire plant from pot.

If plant is rootbound, cut away some of the roots. If plant should have a heavy thick root system, cut through the mass with a sharp knife. Add new soil and repot or plant in a larger pot.

Prepare Now For Fall Planting

To have soil in top form for trees and shrubs to be planted this fall, now's the time to work it over. Soil will have time to settle and you won't run the risk of planting too hurriedly when trees and shrubs are available at garden centers and nurseries in the fall. If you wait until autumn to prepare soil, the ground may be too wet to work properly. In some areas early freezes may delay soil preparation.

If your plans include a shrubbery

border or hedge, work up the soil with a rotary tiller and remove all grass and weeds. If the soil is not of good texture—too heavy with clay or too sandy—spade in a three-to-five-inch layer of organic matter such as peat moss, old sawdust or peanut hulls. Do the same in each planting hole you prepare to receive a tree.

Plan Ahead

Don't wait until planting season to work out your plans. During the hot months when planting is practically at a standstill, you can design your rose garden, outdoor sitting area or a new flower or shrubbery border. Make a scale drawing of the area and try several solutions before settling for the first idea that pops in your mind.

Good landscape design involves using the best of what nature left, combining it with man-made features and objects. In every case, there are several ways in which a functional design can be worked out—there often are several solutions to the one landscape problem or development. In landscape planning, an old saying applies: "There's more than one way to skin a cat."

"Everlastings For Winter"

Strawflowers, statice, cockscomb, globe amaranth and other flowers which are to be dried for winter bouquets should be cut at this time. Tie them in bundles, place in paper bags and hang in a dry place to "cure."

Vegetables

For fall vegetables, put in broccoli, cabbage and cauliflower plants; and sow seed of carrots, kale, mustard, leaf lettuce, radishes and spinach. Continue to harvest beans, tomatoes and other vegetables as they reach maturity.

—Hank Smith

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Utilities Commissioner Takes Power Supply Post

Douglas P. Leary, a veteran of the rural electric program who has spent the past four years as a member of the North Carolina Utilities Commission, has been named manager of power supply with the statewide organization of electric cooperatives.

A former manager of Wake Electric Membership Corporation, Wake Forest, Leary resigned from the state commission to take the post with North Carolina Electric Membership Corporation, the co-ops' generating and transmission operation.



He succeeds John Kutter, who resigned after serving in the position for the past three years.

At N.C. EMC, Leary will oversee various functions, including continued development of the statewide load management program, liaison with the major power companies in their roles as suppliers to the EMCs, monitoring the partnership with Duke Power Co. in joint ownership of the Catawba Nuclear Plant and long range planning for new power supply sources.

Leary had been manager of Wake EMC for eight years when he was appointed to the state agency by Gov. James B. Hunt Jr. Before joining Wake EMC, he served for more than 10 years as staff assistant at Four County EMC, Burgaw.

The Chowan County native is a business administration graduate of East Carolina University.

He is married to the former Becky Warren of Littleton. They have three sons.



The National Debt: A Game With Its Own Set Of Rules

The national debt was penny-ante stuff when I questioned the concept as a youth.

It conjured up images in my mind of Uncle Sam standing at a bank teller's window, waiting to tote away huge bags of cash—even though he hadn't repaid the bank for his last load of legal tender.

I had trouble understanding how the country could just keep piling up debts—with little hope of paying them in the foreseeable future—when families and businesses couldn't do that, at least not for very long.

Why, I asked, doesn't somebody *do something* about this sad state of affairs?

Although I've since come to see this deficit spending as a routine part of the federal government "game," I still can't believe it can be played by these rules.

But now the stakes are considerably higher. The federal debt now stands at \$1,500,000,000,000. That's one and a half *trillion* dollars!

Americans may have once believed that someday, somehow the national debt would be paid off. I don't think anyone would seriously suggest that the country can ever do that now.

The breakdown for each taxpayer's share of the national debt is mind-boggling. By 1986,

accountants say, each man, woman and child in America will owe \$7,733! For the traditional family of four, that's almost \$31,000.

That's disturbing enough, but what's even more frightening is the rate at which the debt is growing.

We're now adding about \$200 billion a year to the total. Thus, the current debt figure will double within the next seven and a half years.

Looking at it another way, the nation's yearly deficits are now roughly equal to the total federal budget for 1970. That was just 14 years ago.

Most of us can't comprehend figures of this size. But, we're learning—the hard way—what they mean in terms of higher interest rates on anything requiring the use of borrowed money.

The rules have remained unchanged, but now most Americans have been unwittingly dealt into the game as never before.

Why, I ask once again, doesn't somebody *do something* about this sad state of affairs?

More On "GI"

Tom Phelps, who's on the staff of the North Carolina Alternative Energy Corporation, wrote us about the item in the June column regarding the term "GI."

We'd been informed that "GI" meant "government issue" before it became a reference for an American soldier.

Phelps had heard a commentator on National Public Radio define it differently.

"He said 'GI' actually stands for 'general issue', which refers to the standard gear all GIs got. Your point is well taken!"

This "Brenda Starr" Rose To The Occasion

Margaret Everson, a reporter for the Red Springs *Citizen*, went a bit beyond the "call of duty" in covering a recent power outage at Lumbee River Electric Membership Corporation, Red Springs.

A chicken snake had slithered about 25 feet up a pole, apparently intent on getting into a bird's nest in the cooperative's three-phase breaker on the pole.

However, once he crawled onto the transformer, he set up an "arc" of electricity that killed him and knocked out service to about 2,500 of the EMC's consumers-members.

In a column about her efforts to get a photo of the four-foot-long snake as it was being removed from the transformer, Ms. Everson said she finally decided she'd never get anywhere shooting from the ground.

Someone offered to take her camera up in the co-op's "cherry picker" truck to get a closer shot, but she decided she had to do it herself.

"Would Brenda Starr, my idol, have let someone else do her job? Of course not!" she wrote.

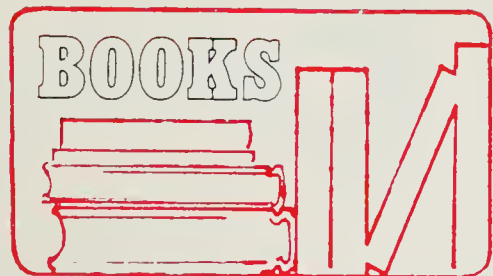
"It turned out to be more involved than I thought. First I had to be fitted with a hard hat, in the interest of safety. And then I had to climb in the bucket, not an easy task when the bucket is almost as tall as you are. There's also no graceful way to get in one of those things either."

After a smooth ride up, she quickly snapped the photo that later ran in the *Citizen* along with her story about the incident.

Her column concluded this way:

"Now I'm ready to join one of the LREMC crews and work among the wires. But, now that I think about that snake . . ., it might be better if I just keep my feet on the ground!"

—Owen Bishop



And Roofs Need Patching by Marguerite McCall. Edenton Historical Commission. 136 pages. \$10.

In our life and times we all need a cheery note now and then, and for this purpose this inspirational novel fills the bill. It is the story of a young woman, who at first glance appears to be merely another young wife—and eventual mother—of rather pleasant demeanor. But Ellen Kashimoto soon emerges as a tower of strength, as a parade of events try her character.

The first trial is one that has become familiar to many North Carolinians. Ellen, who lives in the imaginary Carolina community of Riverlo, marries a Japanese-American and they settle on a farm in the Albemarle region. Even though Kenechi Kashimoto is an admirable person and even a World War II veteran who proved his heroism in Italy, he must confront a grumpy old man who "can't stand Japs."

The young couple solve this problem together, but their trials are just beginning.

Throughout their parade of misfortune the young wife and mother maintains her serene outlook on life, bolstered by her religious faith, and eventually enters a life of service to others in the religious field in Korea.

Despite the tragic circumstances, Ellen's faith in the future shines like a beacon throughout the pages of this well-written little volume.

Life in Eastern North Carolina is depicted nicely, and I would guess that farming in Hawaii (where some of the scenes are set) is as well. If the "good people" are a little larger and more charitable than those we meet in real life, the "anti element"—such as the gruff old man who dislikes having the Kashimotos for neighbors—is much like others we have met.

This can only be described as an upbeat book.

The book's \$10 price includes tax and postage for mail orders to *And Roofs Need Patching*, Edenton Historical Commission, P.O. Box 474, Edenton, N.C. 27932.

—Frank Jeter Jr.

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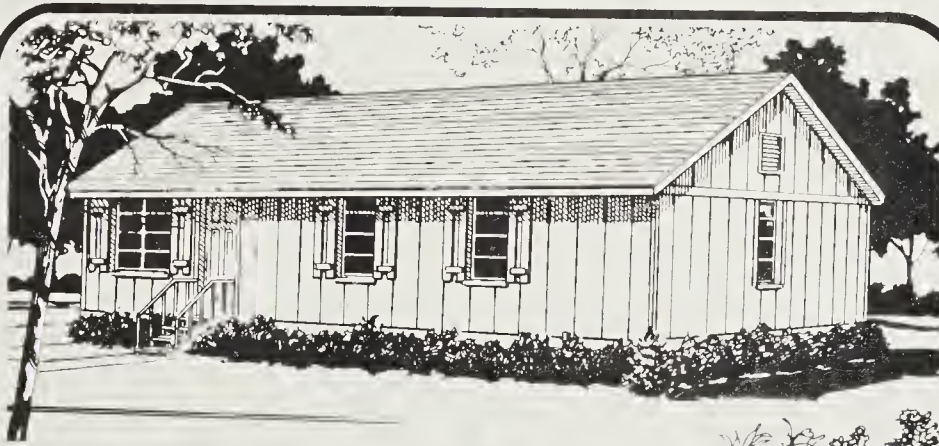
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